

Application No:
Attorney's Docket No:

SPECIFICATION AMENDMENTS

Please add the following abstract to the specification.

--The invention relates to an electrode-bearing guide, a cochlear implant comprising said guide and the production method thereof. According to the invention, the long and essentially flat guide comprises a plurality of electrodes (2) which are connected to corresponding contacts (3) by means of tracks (4). The inventive guide also comprises at least two stacked basic cells (CB1, CB2, ... CB11), each of said cells comprising an insulating base layer (11). Moreover, a conductive layer (12) is disposed on top of the aforementioned insulating layer and forms the electrodes (2), the tracks (4) and the contacts (3). The production method consists in successively stacking insulating and conductive layers and defining suitable shapes by means of photolithography in order to form electrodes, contacts, tracks and windows for accessing the electrodes and contacts. The invention enables the automated production of a guide with a large number of electrodes, which is suitably dimensioned for the atraumatic implantation thereof outside the tympanic canal.--